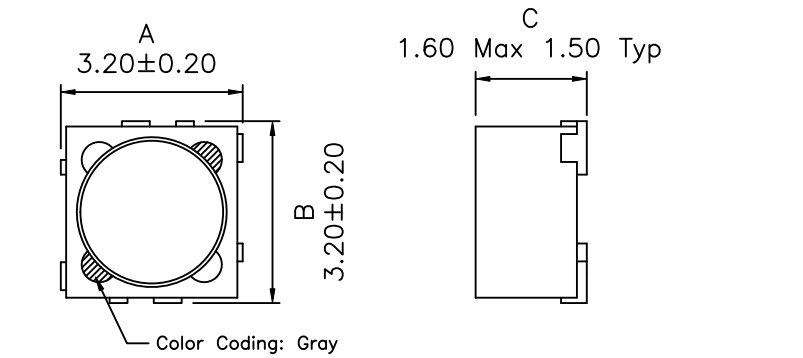
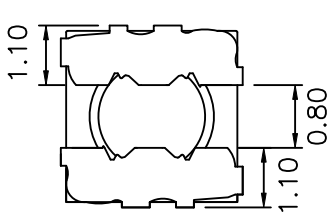
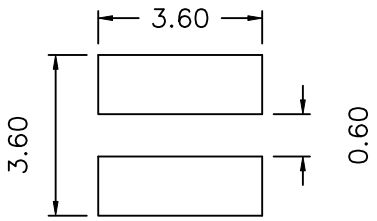
1. Mechanical Dimensions:



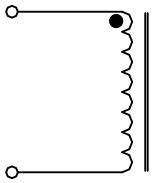


(BOTTOM VIEW)



(SUGGESTED MOUNTING PAD)

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 4.7uH±20% @1.0KHz 1V

Q: 10 Min @100KHz 1V

DCR: 0.197±20% Ohms

Isat: 1.50Adc (Based on 35% Typ Drop in OCL)

Irms: 0.96A (Based on 40°C Typ Temp Rise)

SRF: 40MHz Min

Notes:

1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature: -40°C to +105°C (Includes temperature when the coil is heated)
6. Storage Temperature Range: -40°C to +105°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Recommended IR Reflow peak temp of 245°C Max.
12. Outsourced item processed & controlled under XFMRS QA system

DOC. REV: A/5

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XFMRS® www.XFMRS.com	Title: XFTPRH3015 SERIES INDUCTORS		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFTPRH3015-4R7M		REV. A
	DWN.	Yu	Nov-23-20
	CHK.	YK Liao	Nov-23-20
SHEET 1 OF 1	APP.	GL	Nov-23-20